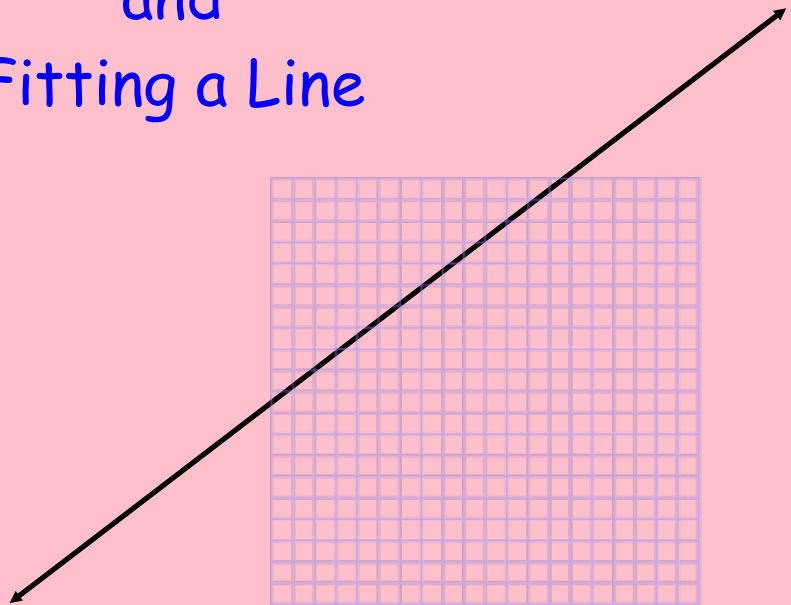


# Scatter Plots and Fitting a Line



## MATH DICTIONARY:

scale of a graph -

scatter plot -

## FROM YESTERDAY:

Variable-

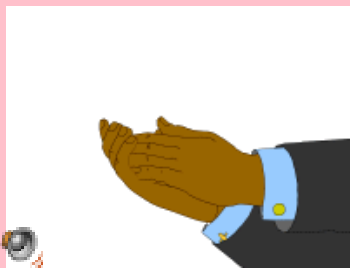
Expression-

Student  
Height in.  
Jump  
Height  
in.

1  
2  
3  
4  
↓  
26

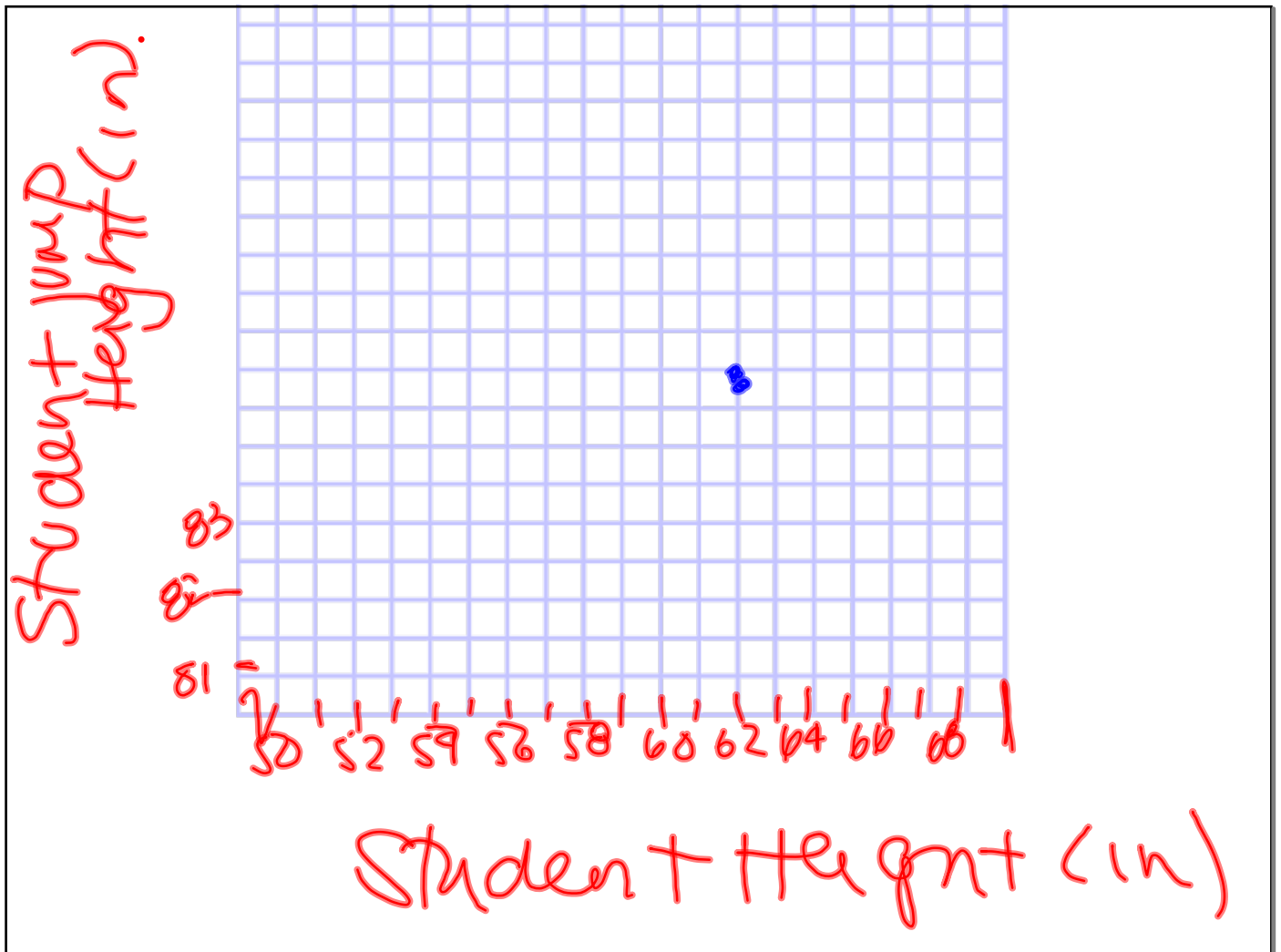
# Video Intro

Now . . .  
let's create  
a class  
scatter plot!



## Parts of a scatter plot:

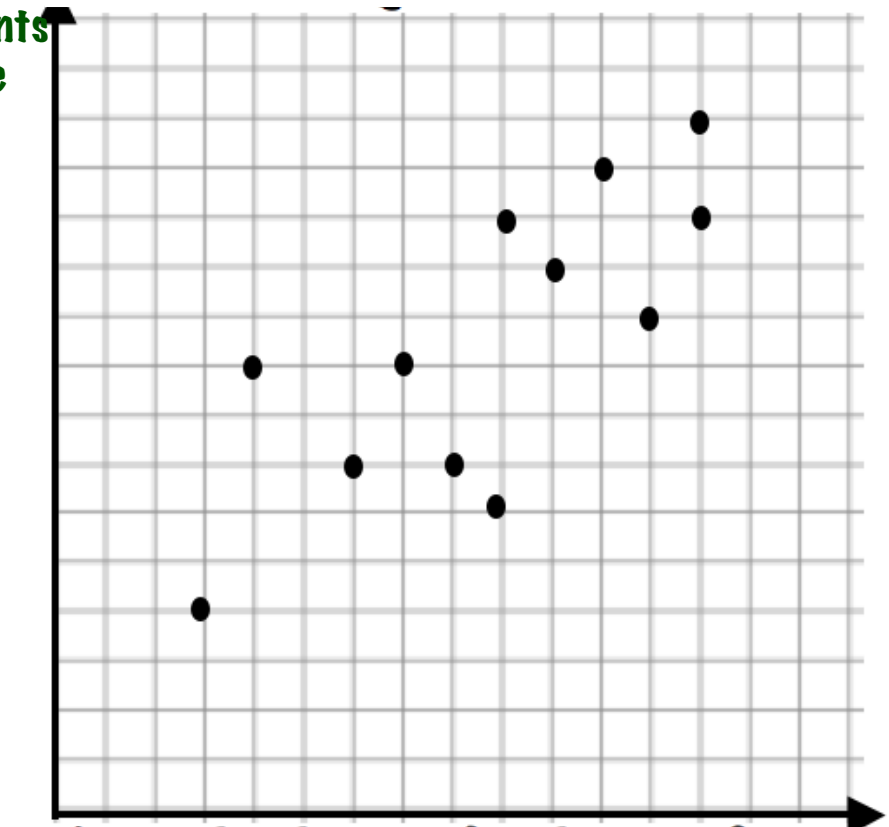
- < title ✓
- < horizontal scale & label ✓
- < vertical scale & label ✓
- < plotted points ✓
- < fitted line ✓



3<sup>rd</sup> Hour

Student height  
- jump height  
in inches

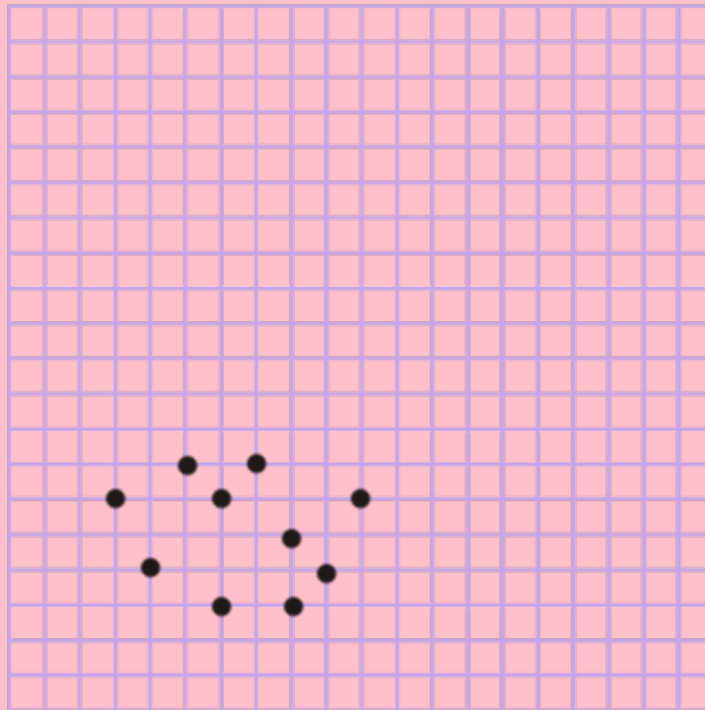
**Draw straight line  
so half of the points  
are above the line  
and half of the  
points are below.**





# Fitting a Line

Draw straight line  
so half of the points  
are above the line  
and half of the  
points are below.



Homework:

p. 35 #4a and draw fitted line

AND

p. 37 #10-11